

5. Run-up distances and inundation heights

Table 1: Comparison of run-up distances

Event	Run-up distance	Description	Method	Source
869	2.7 km		Numerical modeling	[1]
	> 4 km		Aerial photo	[3]
2011	> 5 km		Satellite imagery, aerial photo	[2]
	3.5 ~ 4.0 km	Major run-up	Field survey (Ground truth)	[4]
	5.1 ~ 5.3 km	Minor run-up		

Table 2: Comparison of inundation heights

Event	Inundation height	Shore-normal distance	Method	Source
869	~ 6 m	near the beach	Numerical modeling	[1]
	> 3 m	~ 1.1 km		
	~ 2.4 m	> 1.2 km		
2011	> 12 m	150 m	Field measurement	[4], unpublished data
	8 ~ 10 m	210 ~ 270 m		
	4 ~ 7 m	350 ~ 780 m		
	2.7 ~ 3.2 m	1.3 ~ 3.3 km		